

Assignment 4: Model-Based RL and Exploration

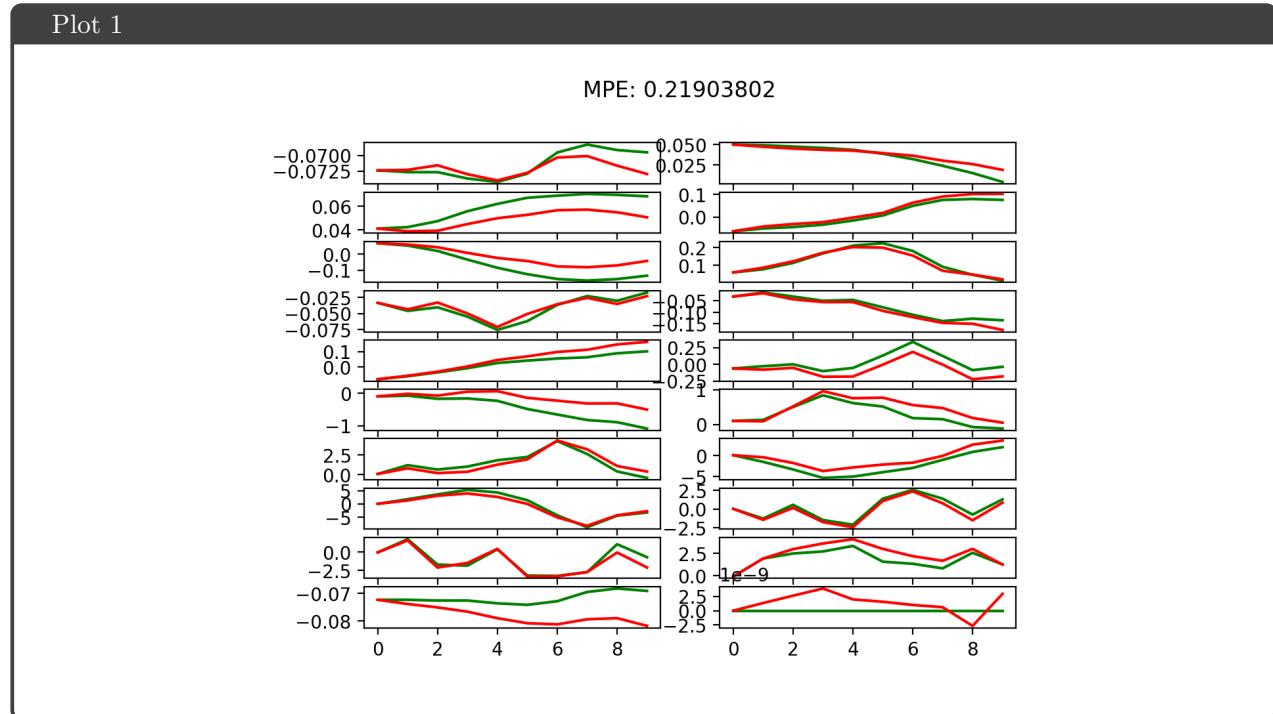
Andrew ID: Write your Andrew ID here.

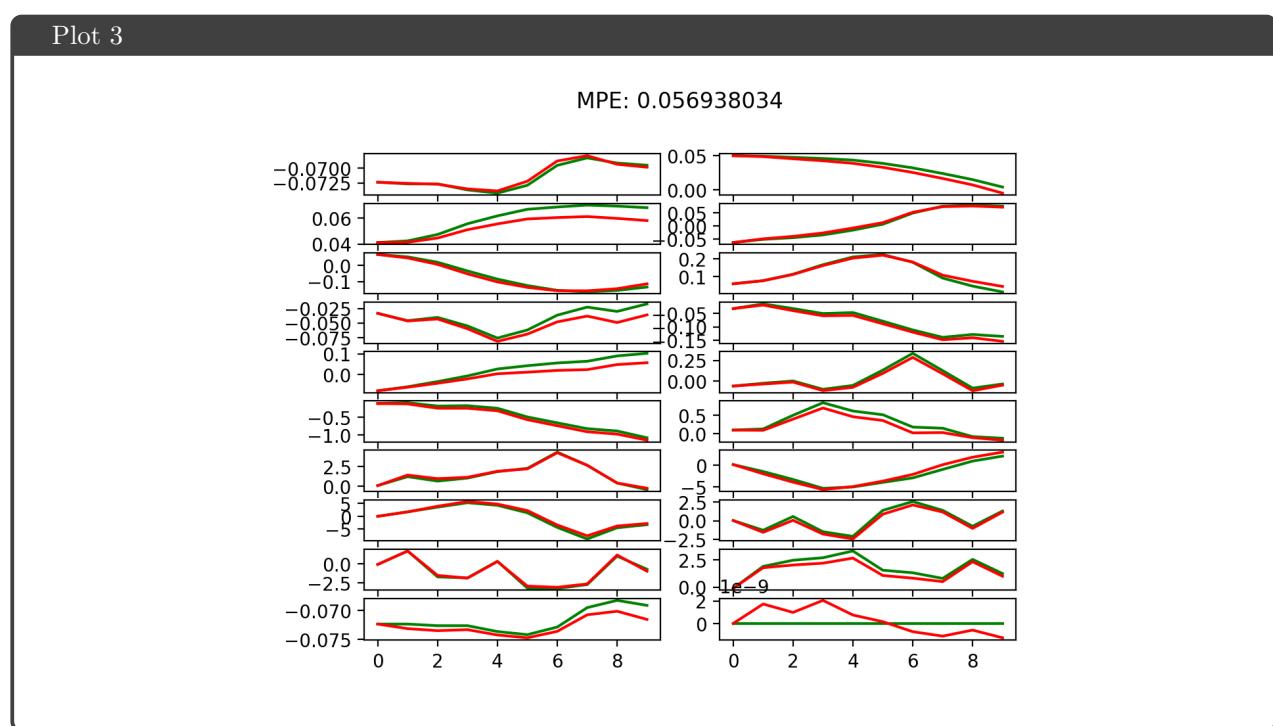
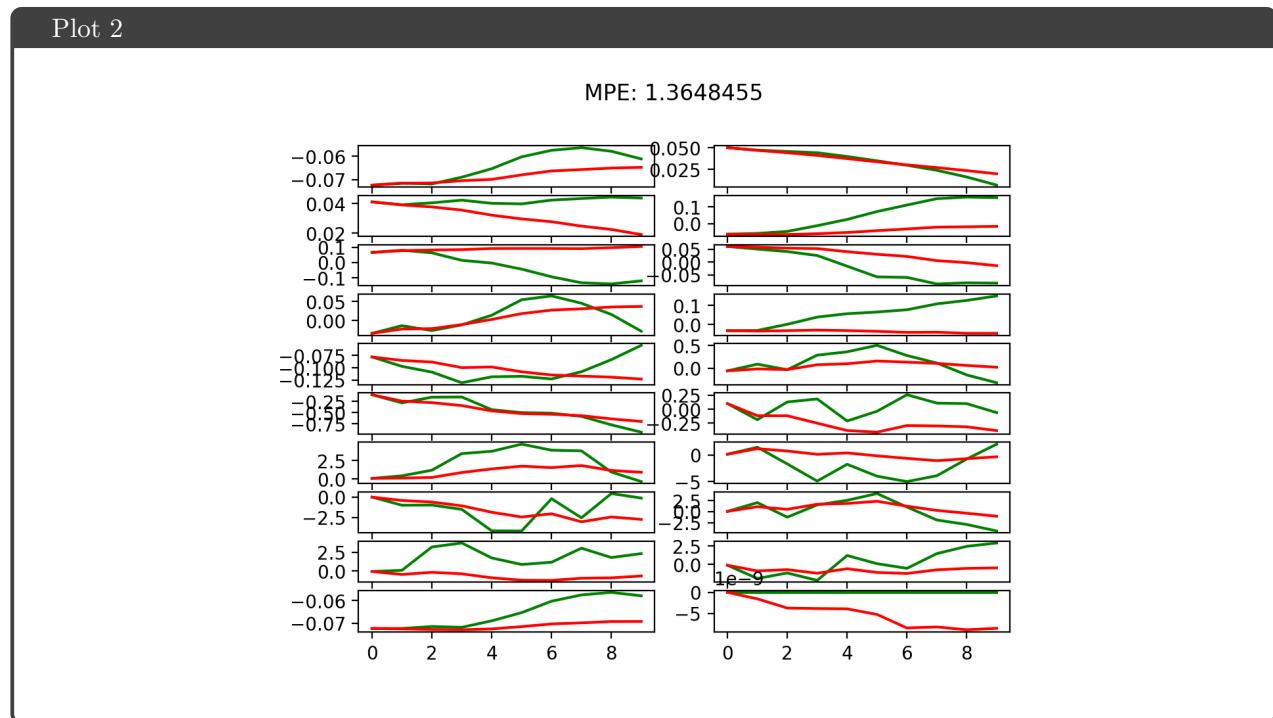
Collaborators: Write the Andrew IDs of your collaborators here (if any).

NOTE: Please do **NOT** change the sizes of the answer blocks or plots.

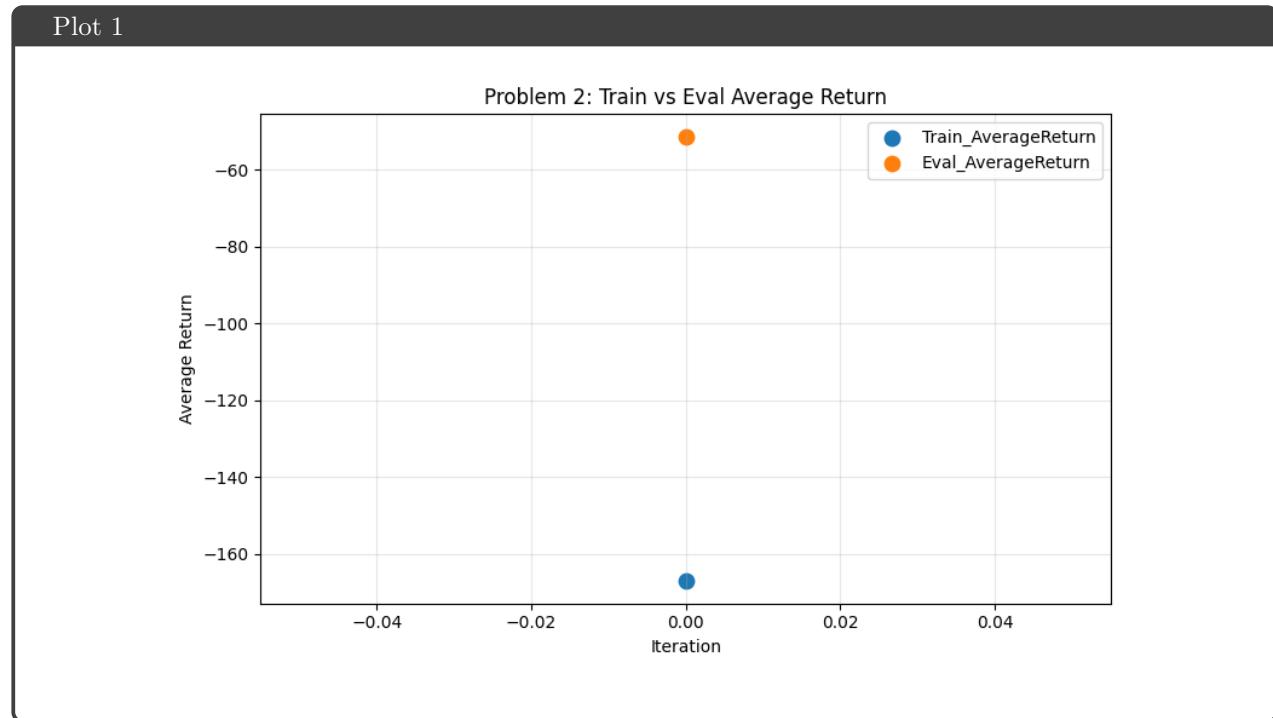
1 Problem 1: Dynamics Model Training [4pts]

Answer to theory questions.

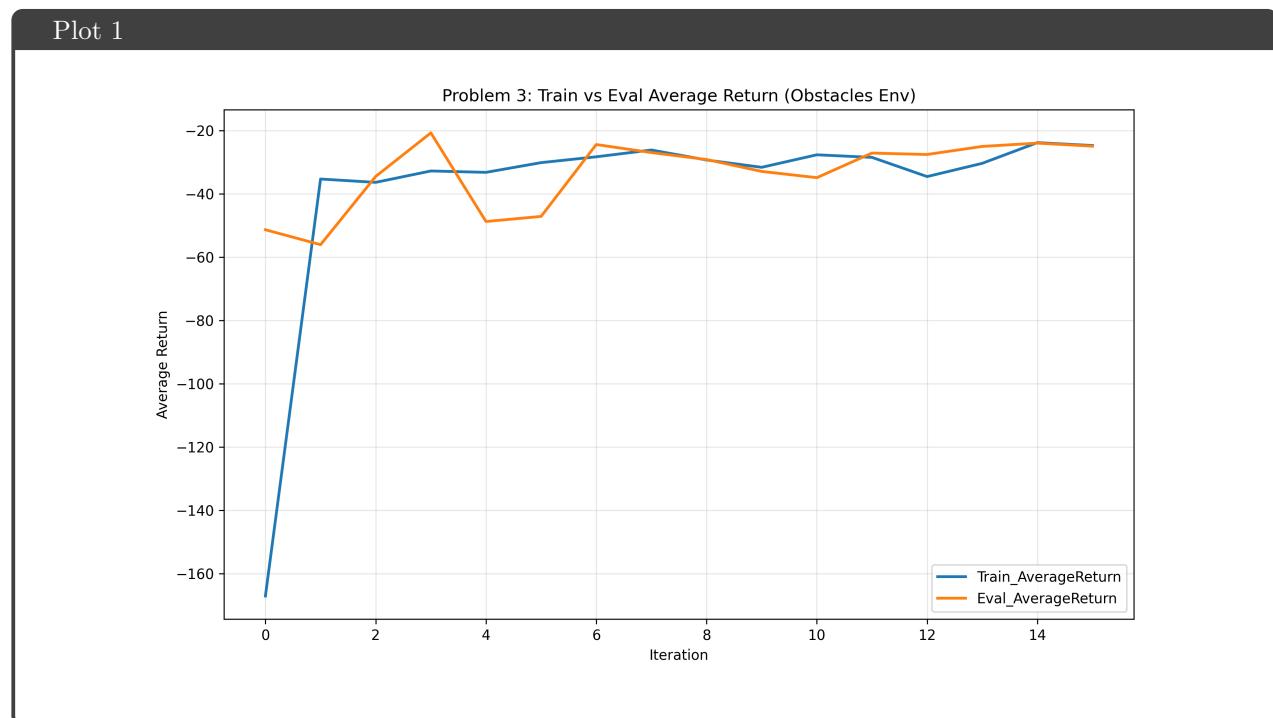




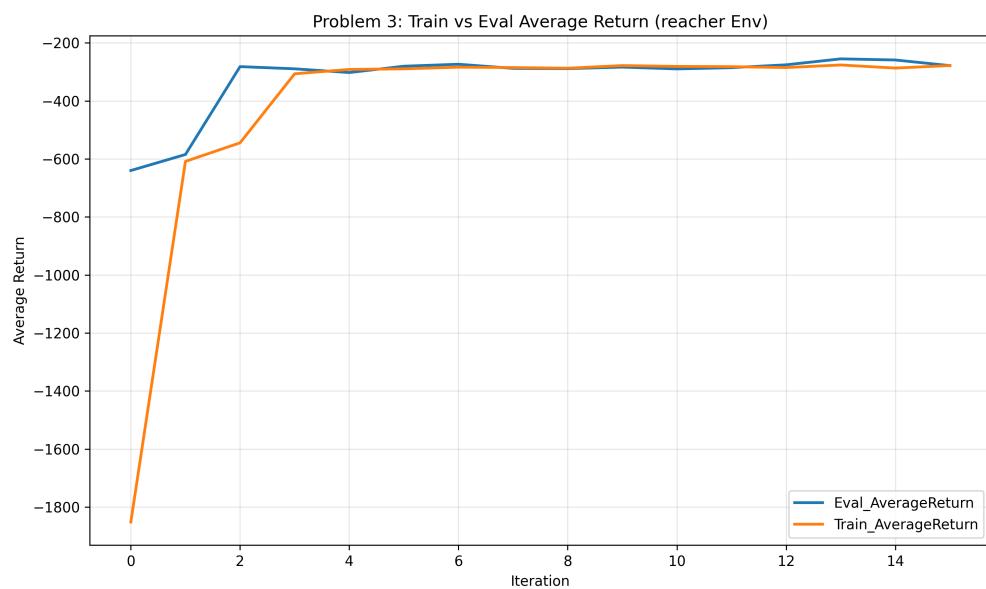
2 Problem 2: Action Selection [4pts]



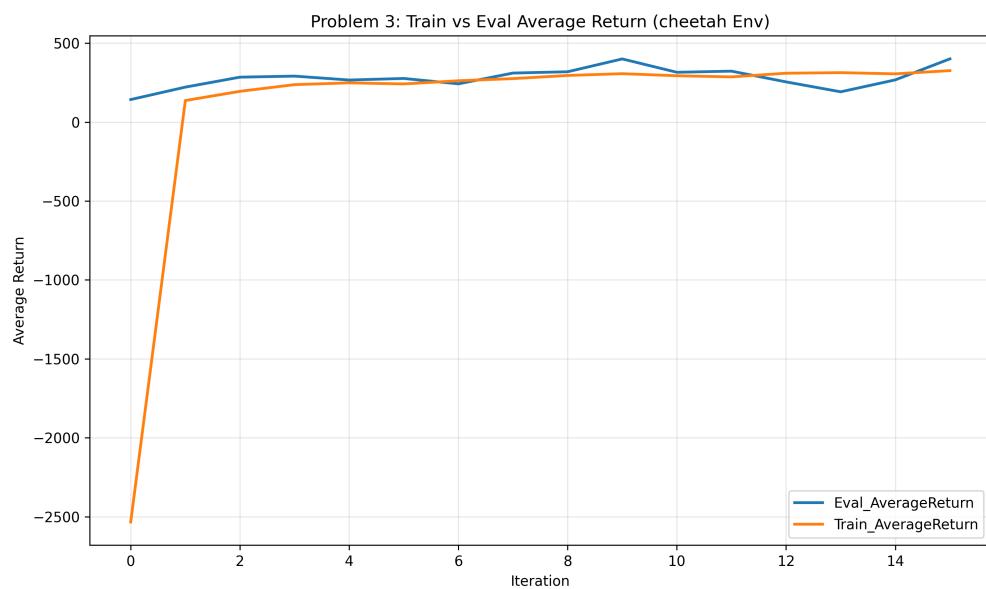
3 Problem 3: Iterative Model Training [3pts]



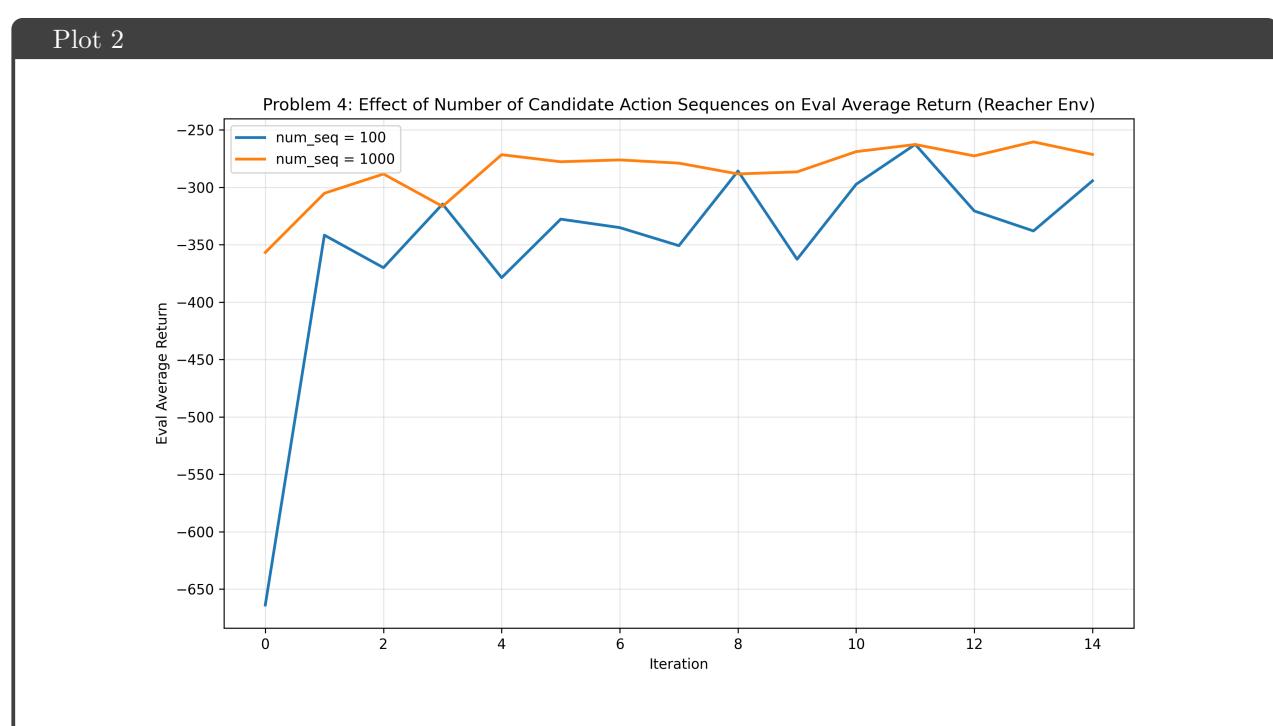
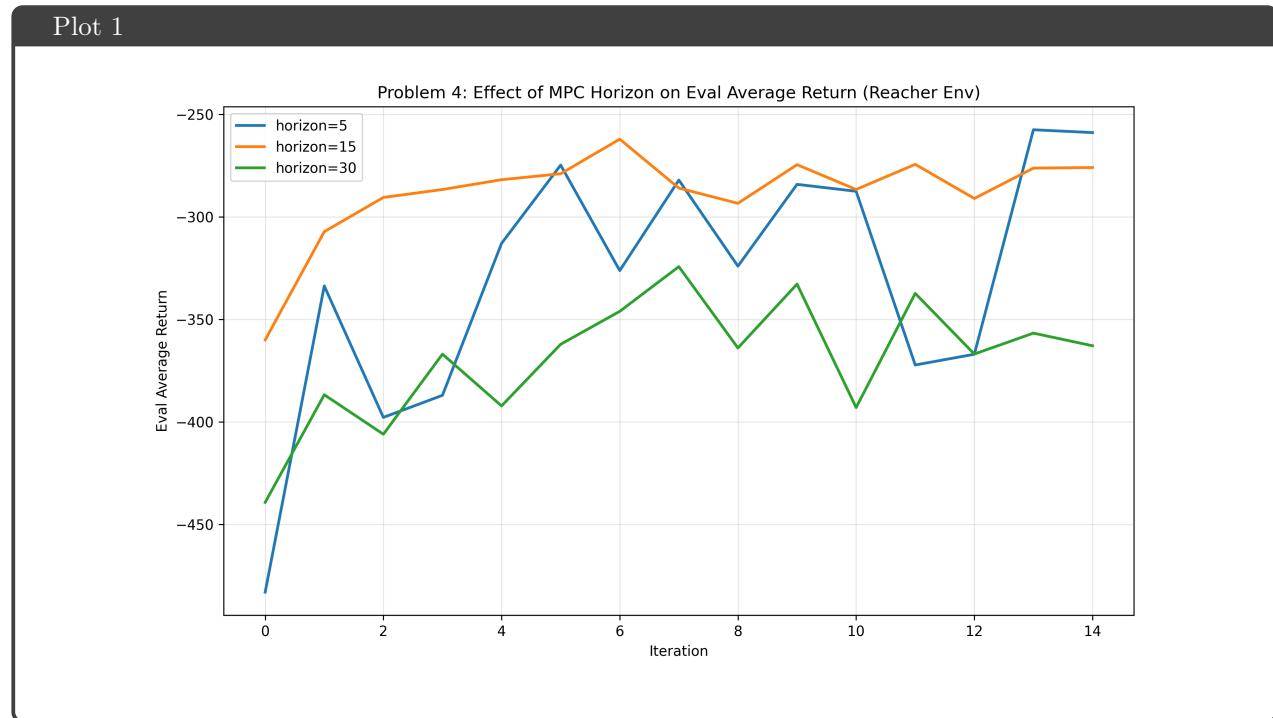
Plot 2



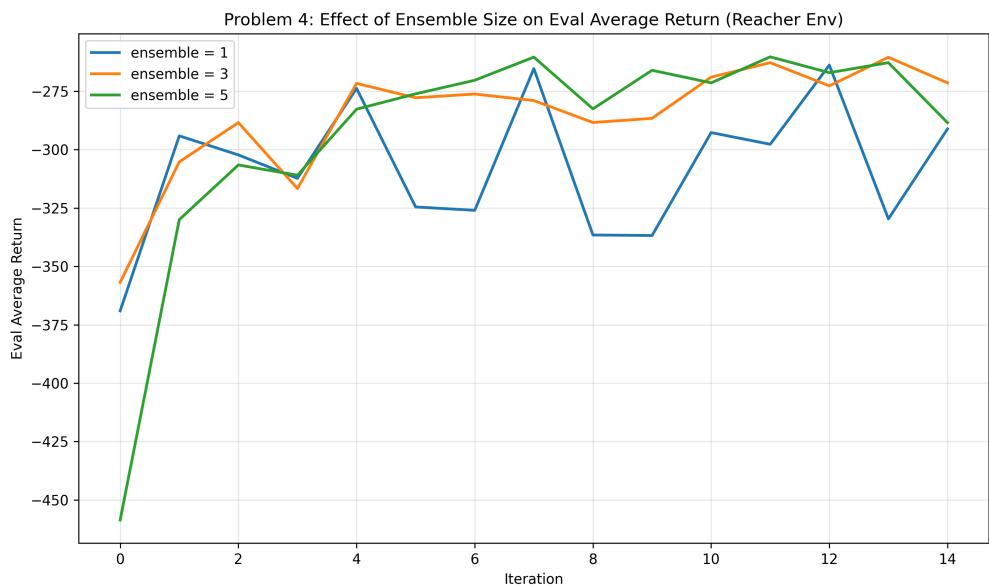
Plot 3



4 Problem 4: Hyper-parameter Comparison [4pts]

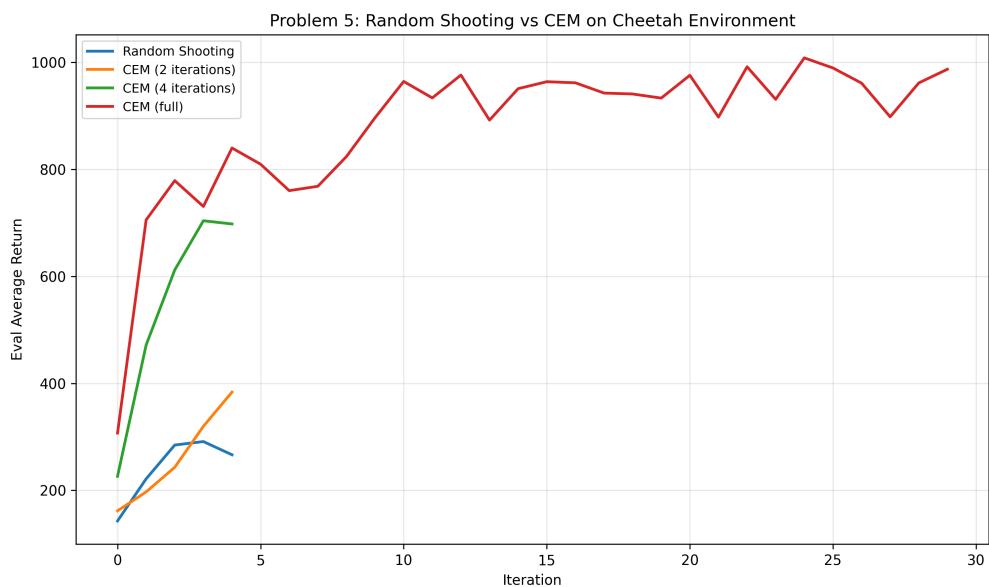


Plot 3



5 Problem 5: CEM (Bonus) [2.5pts]

Plot 1



6 Problem 6: Exploration (Bonus) [2.5pts]

